

### 4.2.3

### FHWA Activities in GIS and Visualization

**Presenter**

Ben Williams, P.E.  
Metropolitan Planning Specialist  
FHWA Resource Center  
[ben.williams@dot.gov](mailto:ben.williams@dot.gov)

**Co-Presenter**

One of the strong attributes of GIS software has always been its capability to help visualize complex data, transportation facilities and environments. This presentation will update the audience on the FHWA Visualization Working Group and a number of the projects funded by them over the last year such as building GIS interfaces for the for the National Household Travel Survey data and the new management systems for the Federal Lands Transportation Program.

After the 2010 Census, there are several important activities from the Federal Agencies that affect the transportation program in each of the States, such as defining changes in small urban and urbanized areas, designating new MPOs and requiring the States update the functional classification of highway systems. One of the Sunday Workshops talked about this in depth. For those who didn't attend the workshop, we will include a summary of the changes that will affect State GIS and planning programs.